

**PROPOSED PARAMETERS AND SCOPE OF INVESTIGATION INTO STATE-COUNTY PARTNERSHIP  
TO PROVIDE SOLAR ENERGY POWER TO WAILUKU-KAHULUI WASTEWATER RECLAMATION FACILITY**

Prepared by Michael Williams and Daniel O'Brien for Consideration at the  
February 10, 2022 Cost of Government Commission Meeting

**For Reconsideration at December 8, 2022 Cost of Government Commission Meeting  
(revised TIG termination date)**

**RELEVANT FACTS:**

- The Wailuku-Kahului Wastewater Reclamation Facility (WWRF) sits on a parcel of State land leased to the County.
- That State land parcel is immediately contiguous with State airport parcel(s).
- The State plans to provide power to other lessees of its land—namely the car rental companies sited on airport property.
- The planned location of the solar panels are on different parcel(s) than the airport's main buildings, including the car rental garage.

**SCOPE AND PARAMETERS:**

- Determine the whether the State Department of Transportation (DOT) DOT Airports Division plans to issue such a Request for Proposals (RFP).
- Review the original RFP or this which was issued in September 2018, and then withdrawn in 2019.
- Determine the amount of additional PV panels and battery capacity needed to handle the extra load of the Wailuku-Kahului WWRF — how much of an increase on the solar+battery system would it take?
- Determine the amount of electricity used by the Wailuku-Kahului WWRF over the past few years, and its cost.
- Determine the likely amount of savings to the County if it could tie into the proposed airport solar energy system.
- Evaluate whether there are legal hurdles to such a partnership and whether legislative changes are needed.

**TERMINATION DATE:** March 31, 2023